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2000 Weather Crop 24

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Week Ending September 10, 2000

BREAK IN THE HEAT, BUT LITTLE RAIN REPORTED

A cold front moved across Tennessee early last week and brought an end to the excessive heat across the western half of the State. Despite the drop, overall temperatures averaged slightly above normal for the week with little to no rainfall recorded. The lack of rain and warm temperatures once again caused a slight decline in crop conditions with the majority of the State’s soybean and cotton acreage now rated in fair-to-good condition. Farmers continue to worry about their late planted soybeans. Cotton and soybean harvest began on a very limited basis last week with 2 percent of each commodity completed by week’s end. Corn harvest continued to roll on with highly variable yields reported. As of Sunday, nearly half of the State’s corn acreage had been harvested, slightly ahead of the five-year average but well behind last year’s record pace. Other farming activities taking place last week included harvesting tobacco and hay, and seeding fall forage crops. There were 6 days considered suitable for field work during the past week. As of Friday, topsoil moisture levels were rated 26 percent very short, 44 percent short, and 30 percent adequate. Subsoil moisture levels were rated 32 percent very short, 42 percent short, and 26 percent adequate.

| CROP PROGRESS: Through September 10, 2000 |           |           |      |                | CROP CONDITION: On September 8, 2000 |           |      |      |      |     |
|---|-----------|-----------|------|----------------|--------------------------------------|-----------|------|------|------|-----|
| Crop                                      | This Week | Last Week | 1999 | Five Year Avg. | Crop                                 | Very Poor | Poor | Fair | Good | Exc |
| Percent                                   |           |           |      |                | Percent                              |           |      |      |      |     |
| Corn - Mature                             | 93        | 76        | 95   | 81             | Cotton                               | 3         | 14   | 43   | 37   | 3   |
| Corn - Grain Harvested                    | 49        | 29        | 70   | 35             | Soybeans                             | 10        | 24   | 37   | 25   | 4   |
| Corn Silage - Harvested                   | 85        | 79        | 86   | 79             | Pastures                             | 15        | 27   | 35   | 20   | 3   |
| Soybeans - Dropping Leaves                | 22        | 15        | 26   | 14             |                                      |           |      |      |      |     |
| Soybeans - Harvested                      | 2         | N/A       | 3    | 1              |                                      |           |      |      |      |     |
| Cotton - Bolls Opening                    | 86        | 63        | 85   | 56             |                                      |           |      |      |      |     |
| Cotton - Defoliated                       | 38        | 14        | 27   | N/A            |                                      |           |      |      |      |     |
| Cotton - Harvested                        | 2         | N/A       | 5    | 2              |                                      |           |      |      |      |     |
| Burley - Harvested                        | 71        | 59        | 76   | 62             |                                      |           |      |      |      |     |
| Dark Air - Harvested                      | 80        | 68        | 88   | 74             |                                      |           |      |      |      |     |
| Dark Fire - Harvested                     | 69        | 64        | 79   | 69             |                                      |           |      |      |      |     |

**CORN:** Growers made good progress last week and harvested an additional 20 percent of the grain acreage. Yields are highly variable depending on when and where the crop was planted. Isolated showers at the end of the week kept some growers out of their fields. As of Sunday, only 15 percent of the silage acreage remained to be harvested.

**SOYBEANS:** Areas that have received rain recently reported the crop has improved but most continue to struggle with the hot, dry conditions. As of Sunday, 22 percent of the acreage was dropping leaves. Some early varieties have been harvested with good yields reported.

**TOBACCO:** The majority of the State’s tobacco is now in the barns with growers busy harvesting the remaining acreage. Better drying conditions this fall have producers hoping for a better cure and color of leaf.

**COTTON:** Most growers were busy applying defoliants to their crop last week while some began harvesting on a very limited basis. Early yields are higher than was expected in some locations.

**PASTURES & HAY:** Pastures that have received moisture have improved but the majority remain in fair-to-poor condition and hay is being fed. Some farmers have begun drilling fall forages in hopes of rain soon. Producers were also busy harvesting hay last week.

| TEMPERATURES AND PRECIPITATION<br>For week ending: 09/10/00 (with comparisons) |                         |    |     |     |                 |      |                  |                |               |      |
|--|-------------------------|----|-----|-----|-----------------|------|------------------|----------------|---------------|------|
| LOCATION   | TEMPERATURE             |    |     |     | PRECIPITATION   |      |                  |                | GDD BASE 60F  |      |
|  | Week Ending<br>09/10/00 |    |     |     | Current<br>Week | Rain | Current          | Departure      | Since April 1 |      |
|  | HI                      | LO | AVG | DFN | 09/10/00        | Days | Since<br>April 1 | From<br>Normal |               |      |
| Ames_Plantation  | 99                      | 64 | 77  | +3  | 0.08            | 2    | 17.62            | -5.20          | 2388          | +239 |
| Bristol  | 87                      | 54 | 72  | +3  | 0.24            | 2    | 20.53            | +1.26          | 1572          | +87  |
| Brownsville_TN   | 97                      | 66 | 77  | +3  | 0.62            | 4    | 16.87            | -5.96          | 2456          | +544 |
| Chattanooga  | 90                      | 66 | 75  | +1  | 0.33            | 3    | 24.33            | +2.42          | 2416          | +365 |
| Clarksville_Sew  | 91                      | 66 | 77  | +5  | 0.08            | 3    | 24.12            | +2.33          | 2317          | +391 |
| Cookeville   | 88                      | 61 | 73  | +2  | 0.02            | 1    | 23.79            | -1.45          | 1775          | +564 |
| Covington  | 98                      | 64 | 77  | +3  | 0.08            | 3    | 19.03            | -2.97          | 2478          | +286 |
| Crossville_AP  | 86                      | 61 | 72  | +4  | 0.02            | 1    | 24.91            | +0.40          | 1637          | +263 |
| Dickson_AG   | 89                      | 62 | 74  | +2  | 0.07            | 2    | 19.40            | -4.40          | 1942          | -66  |
| Dover_1W   | 93                      | 64 | 76  | +4  | 0.27            | 2    | 22.85            | +0.00          | 2064          | +350 |
| Dyersburg  | 97                      | 66 | 78  | +4  | 0.38            | 2    | 19.87            | -2.30          | 2398          | +72  |
| Erwin_1W   | 89                      | 56 | 72  | +4  | 0.16            | 3    | 23.91            | -0.60          | 1556          | -208 |
| Huntingdon_Wate  | 96                      | 64 | 76  | +4  | 0.54            | 4    | 20.30            | -2.79          | 1865          | +39  |
| Jackson_AG   | 97                      | 65 | 76  | +3  | 0.31            | 3    | 17.98            | -5.03          | 2311          | +211 |
| Kingston_AG  | 89                      | 65 | 75  | +5  | 0.00            | 0    | 21.92            | -3.46          | 2053          | +461 |
| Knoxville_AP   | 89                      | 64 | 76  | +4  | 0.00            | 0    | 23.66            | +3.08          | 2058          | +278 |
| Lewisburg  | 94                      | 58 | 74  | +3  | 0.02            | 1    | 19.21            | -4.56          | 1908          | +116 |
| Lexington_TN   | 96                      | 64 | 76  | +2  | 0.81            | 4    | 20.15            | -2.04          | 2271          | +971 |
| Linden   | 96                      | 63 | 76  | +5  | 0.29            | 4    | 18.07            | -5.87          | 2052          | +250 |
| Martin   | 96                      | 64 | 77  | +4  | 0.91            | 3    | 21.62            | -2.01          | 2250          | +235 |
| Mc_Minnville_Tn  | 87                      | 62 | 74  | +2  | 0.00            | 0    | 21.32            | -1.87          | 1968          | -259 |
| Memphis_AG   | 99                      | 65 | 77  | +2  | 0.48            | 3    | 16.08            | -6.30          | 2541          | -53  |
| Milan  | 97                      | 60 | 74  | +2  | 0.94            | 4    | 17.27            | -6.97          | 1954          | -13  |
| Murfreesboro_5N  | 89                      | 62 | 74  | +2  | 0.01            | 1    | 23.49            | -0.22          | 1988          | -228 |
| Nashville  | 90                      | 64 | 76  | +3  | 0.11            | 3    | 19.90            | -1.52          | 2327          | +217 |
| Newcomb  | 87                      | 57 | 71  | +4  | 0.00            | 0    | 21.86            | -3.23          | 1624          | +329 |
| Oneida   | 86                      | 59 | 72  | +4  | 0.03            | 1    | 22.30            | -2.79          | 1529          | -366 |
| Pikeville  | 90                      | 63 | 74  | +2  | 0.00            | 0    | 17.17            | -5.27          | 1941          | +195 |
| Portland_TN  | 89                      | 62 | 74  | +3  | 0.25            | 1    | 21.50            | -1.50          | 2012          | +259 |
| Pulaski_Water_P  | 94                      | 65 | 75  | +2  | 0.02            | 1    | 22.82            | -0.21          | 2098          | -4   |
| Savannah_6SW   | 99                      | 65 | 77  | +2  | 1.63            | 4    | 19.40            | -4.71          | 2528          | +669 |
| Sparta_TN  | 87                      | 62 | 74  | +3  | 0.00            | 0    | 27.62            | +3.32          | 1918          | +404 |
| Springfield  | 91                      | 59 | 74  | +3  | 0.45            | 4    | 21.04            | -1.05          | 1924          | +165 |
| Springhill   | 93                      | 62 | 76  | +5  | 0.10            | 3    | 20.25            | -3.63          | 2140          | +351 |
| Union_City   | 96                      | 64 | 76  | +4  | 0.64            | 2    | 20.31            | -2.48          | 2091          | +138 |

DFN = Departure From Normal (Using 1961-90 Normals Period).

Precipitation Days = Days with precip of 0.01 inch or more.      Precipitation (rain or melted snow/ice) in inches.

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